

### HYPERBARIC MEDICINE HEALS.

# POST HEAD AND NECK CANCER PATIENT EDUCATION FOR HYPERBARIC OXYGEN THERAPY



Hyperbaric oxygen (HBO<sub>2</sub>) therapy, prior to invasive oral surgery or tooth extraction, helps soft tissue and bone in the head and neck area become healthy prior to oral procedures.

Oral and maxillofacial surgeons refer head and neck cancer survivors to HyOx's board certified hyperbaric medicine physicians for treatment prior to invasive head or neck procedures to ensure optimal outcomes. Without intervention with HBO $_2$  therapy using the Marx Protocol for head and neck, the risk of complications is far greater in the radiated area even though it may have been years since radiation therapy.

Insurers cover HBO<sub>2</sub> treatment prior to and after invasive oral surgery, including tooth extraction, for head and neck cancer patients.\*

### How does HBO<sub>2</sub> work?

Breathing in 100 percent oxygen in Georgia's largest pressurized chamber supersaturates every cell in the body up to 1,500 percent more oxygen than at normal atmospheric pressure, and:

- Makes soft tissue and bone in a previously radiated head and neck area more viable.
- Forms new blood capillaries (angiogenesis) to carry oxygen to the damaged areas of the head and neck.
- Feeds irradiated tissues and bone with needed oxygen to live and thrive pre- and post-surgery or extraction.
- Boosts the effectiveness of antibiotics.

When making a dental appointment, make sure to tell your dentist and/or oral and maxillofacial surgeon about your previously radiated head and neck area.

# **Oral Care After Head and Neck Radiation Therapy:**

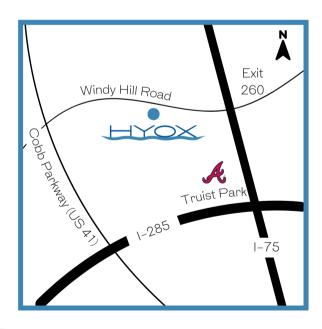
- Brush teeth with a soft brush at least twice daily.
- See your dentist 3 to 4 times each year. Radiation therapy decreases your ability to salivate (nature's way of cleaning your mouth).
- · Gently floss with unwaxed floss.
- Examine your gums every day for red or white spots, especially if your mouth is sore.
- Rinse your mouth with a mixture of 8 ounces of water and a ½ teaspoon salt or baking soda after each meal and at bedtime.

<sup>\*</sup>Insurance plans vary. HyOx's patient advocacy team members initiate and provide insurance verification and approval for treatment to expedite consult to treatment time.

### HYPERBARIC MEDICINE HEALS.

HyOx is a comprehensive medical treatment center specializing in healing the body naturally by breathing 100 percent oxygen under pressure. Hyperbaric oxygen therapy increases oxygen content in the body by up to 1,500 percent to supersaturate every cell. This helps to fuel the healing process in patients with complications from cancer, infection, trauma, and wounds.





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